

**DEPARTMENT OF PHYSICS
INDIAN INSTITUTE OF TECHNOLOGY DELHI
HAUZ KHAS, NEW DELHI- 110016**

Ref. No.: IITD/Phys/CompLab/Serv

Date: 5 June 2012

NOTICE INVITING QUOTATIONS

Sub: Purchase of Server for Physics Department

Please send your quotation for purchase for a Server, as per the specifications given below.
Your quotations should reach the address given, latest by **5 PM on 29 June 2012.**

Specifications:

1. Processor : 2 x Intel Xeon Sandy bridge E5-2609 2.40GHz, 10M Cache, 6.4GT/s QPI, 4Core, 80W
2. Chipset : Intel C600 or later OEM Chipset
3. Memory : 64 GB (8*8GB)DDR-III ECC Memory upgradable to 768GB, operating at 1333Mhz or higher
4. Server Chassis : Server chassis should be tool less serviceable
5. Hard Disk : i. 2 X Hot Swap 900 GB SAS Disk Drives in RAID 1 Configuration for OS.
ii. Server should be capable of accommodating up to 16 disks
6. Ethernet Ports : i. Four Embedded Gigabit Ethernet Ports, 2x 1G RJ45 + 2x 10G, SFP+/RJ45.
ii. Embedded 10G ports should be capable of FCoE.
iii. At least 2 nos of additional 10G ports per server
7. I/O Expansions : i. After cards offered above, the server should have additional 2 PCIe slots available and free for future expansion
ii. At least one of the available PCI slots should be capable of accommodating a high wattage (greater than 130W) full length full height expansion card.
8. Management : i. Dedicated Management Controller for system management functionality on every Server.
ii. Management Component to enable Virtual Power OFF/ON and Remote KVM console over the Network.
iii. Should also be capable of remote CD drive from Remote machine.
9. Availability : i. Server should be provided with Redundant hot swappable Power supplies.
ii. Server should have redundant fully populated hot swappable fans.
iii. Should be supplied with OEM management controller and software required to update and rollback system and PCI card firmware.
iv. Earlier versions of firmware should be stored locally of the system.
v. To allow for Datacenter cooling failure Server should be capable of operating for a short period of time not exceeding 1% of annual operating hours at 45 degrees centigrade
10. Environmental : i. Server should be capable of operation in a temperature range of 10 to 35 Deg Centigrade.
ii. OEM Server management utility capable of setting Server Level and or rack/Datacenter level power cap should be provided.
iii. The utility should also be able to report on power utilization.
iv. Power supplies should be FCC class A certified
11. Racking : Should Be compatible with, 4 post and 2 post racks
12. Support and Implementation : 3 Years Comprehensive 24 X 7 Support with a 6 Hour Call to Resolution Commit by the OEM directly for hardware.
13. Operating System : Support for Windows and Linux

TERMS & CONDITIONS COVERING SUBMISSION OF QUOTATIONS:

1. **RATES:** The rates quoted must be for F.O.B as well as **C.I.F. Delhi** (Air Freight)
2. **TERMS OF PAYMENT:** Letter of credit or Wire Transfer after receipt of item
3. **VALIDITY OF QUOTATIONS:** Quotations should be valid at least for a period of 60 days.
4. **DEALERSHIP CERTIFICATE:** Letter from manufacturer to be attached for authenticity of dealership/agency. Quotations without authorized dealership certificate will be rejected.
5. **INSTITUTE'S RIGHTS:** IIT Delhi reserves the rights of acceptance or rejection of any or all quotations.
6. **SUBMISSION OF QUOTATIONS:** Quotations should be sent in a sealed cover marked at the top SUBJECT AND DUE DATE. **The technical and financial bids should be sealed in separate envelopes before putting them together in the sealed cover. (Please note that ALL of the above specifications must be fully met in the technical bid). Please include a statement of compliance.**
Quotations should be sent to:**[Prof. Joby Joseph, Department of Physics, IIT Delhi, Hauz Khas, New Delhi- 110 016, India]**
7. **REJECTION:** Quotations not conforming to the set procedure as above will be rejected.
8. **DISCOUNT/REBATES:** Special discount/rebate wherever admissible keeping in view that the supplies is being provided for the educational purpose in respect of public institution of national importance may please be indicated.